

# Converting Colors

Hex(877561)

Have a look what the booklet for  
Hex(877561) contains.

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**Color**

**Hex(877561)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	877561
RGB	135, 117, 97
RGB Percent	53%, 46%, 38%
CMY	0.4706, 0.5412, 0.6196
CMYK	0.00, 0.13, 0.28, 0.47
HSL	32°, 16%, 45%
HSV	32°, 28%, 53%
XYZ	18.5106, 18.7365, 13.9502
YIQ	120.1020, 17.1480, -2.4040

# Conversions

## Conversions Part 2

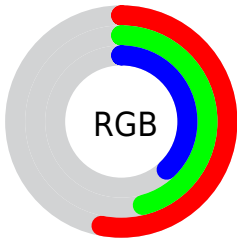
<b>Format</b>	<b>Color</b>
<b>RYB</b>	131, 135, 97
Decimal	8877409
CIELab	50.38, 3.71, 13.62
CIElCh	50, 14.115, 74.755
Yxy	18.7365, 0.3616, 0.3660
Android (android.graphics.Color)	4287067489 (0xFF877561)
YUV	120.1020, -11.3893, 13.0655
Hunter-Lab	43.2857, 0.5834, 11.1920

# Details

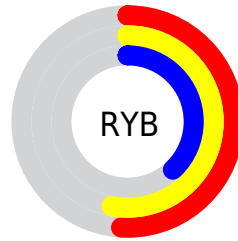
The Hex color **877561** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **617387**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **BDA994**, and **554533** is the 20% darker color. If you saturate the color by 10%, you get **876F54**, and if you desaturate by 10%, it is **877B6F**.

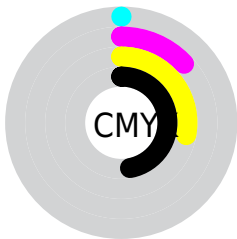
# Distribution



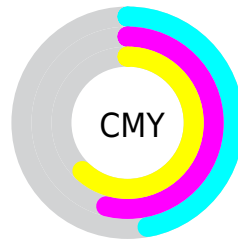
- Red (53%)
- Green (46%)
- Blue (38%)



- Red (51%)
- Yellow (53%)
- Blue (38%)



- Cyan (0%)
- Magenta (13%)
- Yellow (28%)
- Black (47%)



- Cyan (47%)
- Magenta (54%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 877561 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 877561 by changing the saturation by 10% instead.



■ 877561

■ 877561

FFFFFF

■ 6D5C49

■ BDA994

■ 554533

■ D9C4AE

■ 3D2F1D

■ F5E0CA

■ 271A05

■ FFFDE6

■ 0C0000

■ 000000

■ 877561

■ 877561

■ 876F54

■ 877B6F

■ 876846

■ 87827C

 876239

 87888A

 875B2B

 878F97

 87551D

 8795A5

 874F10

 879BB2

 874802

 87A2C0

 874700

 87A8CD

 87AFDB

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8F7167



877561



7B7961

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



877561



597F7E



817389

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



877561



617387

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72778F



877561



597E88

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



877561



617E71



637B8F



8C707F

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



877561



727B64



637B8F



7C748C



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



877561



B0A9A2



876173



595550



D9D9D9



595959



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



877561



B09474



868761



423F3C



824400



030100



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



617387



7490B0



626187



3C3F42



003E82

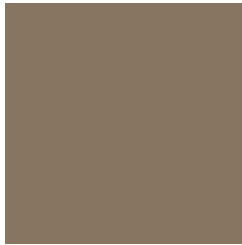


000103



# Previews

## White Background



This preview shows how the Hex color 877561 looks on a white background.

## Color Contrast Check

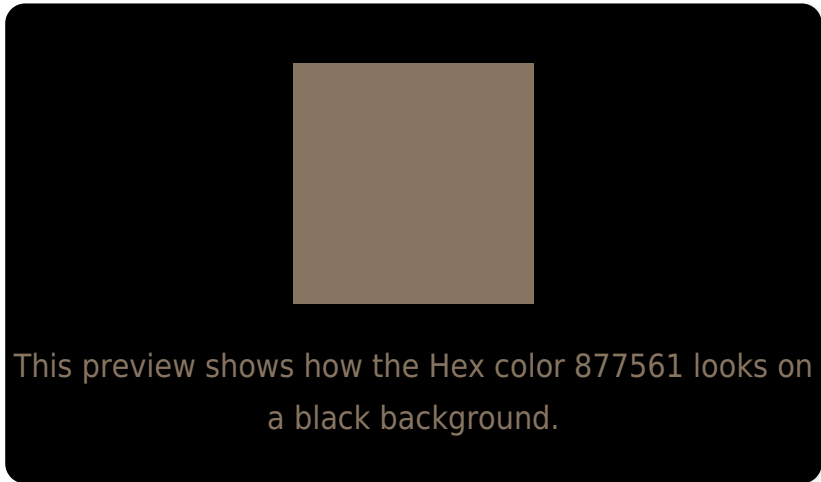
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

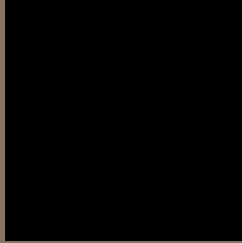
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 877561 Background



This preview shows how black text looks on a background with the Hex color 877561.



This preview shows how white text looks on a background with the Hex color 877561.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
877561

**Protanopia**  
7F7862

**Deuteranopia**  
8B7361



**Tritanopia**  
8A717A

# Trichromacy



**Original Color**  
877561

**Protanomaly**  
827762

**Deuteranomaly**  
8A7461

**Tritanomaly**  
897271

# Monochromacy



**Original Color**  
877561

**Achromatopsia**  
787878

**Achromatomaly**  
7D7770

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 877561 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #877561 looks like.

```
.text, #text, p{  
    color:#877561  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #877561 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #877561
}
```

## Border

The CSS property to change the border of an element to Hex 877561 is called "border". The border property can be set on classes, ids or directly on the HTML element.

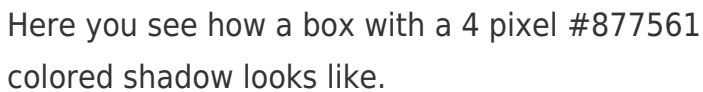
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#877561 }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:#877561 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #877561 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #877561; -webkit-box-shadow:4px 4px  
4px 4px #877561; box-shadow:4px 4px 4px  
4px #877561 }
```

# Background

The CSS property to change the background color of an element to Hex 877561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#877561 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#877561 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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